

Most Frequent Reasons Why Inspections Are Rejected

The following is a list of the most frequent reasons why inspections are rejected. By far, the most common reasons for rejection, which apply to all inspections, are:

- **Not ready for inspection.** Please do not call for an inspection just because it is “on the schedule.” Make sure the job is ready in order not to waste our time, your time, and possibly incur a re-inspection fee which must be paid prior to calling for another inspection.
- **No approved plans on the job.** Approved plans must be readily available at the jobsite.
- **Not constructed per approved plans.** If you deviate from the approved plans, you must have approval from the inspector or an inspection supervisor, and may be required to submit revisions to the approved plans.
- **No access, or no permission to enter, if required.** This is most often encountered in residential situations, such as pools, patio covers, etc., when no one is at home.

101. FOOTING, LAYOUT, REBAR, ZONING

- Size and depth of footing incorrect.
- Ufer ground not installed.
- Pad certification from engineer required.
- Setback incorrect.
- Placement and size of rebar, not supported.
- Dirt and debris.
- No string lines.
- Footing poured before inspection.

103. STEM WALL-FORM & REBAR

- Reinforcing steel placement incorrect.
- Form oil over-spray on steel.

105. PRE-SLAB

- Reinforcing steel or post tension cables wrong.
- Wire mesh in PT cables not properly spaced off ground.
- Hold down bolts incorrectly installed.
- Underground plumbing and electrical not signed off.
- Improper depth of slab preparation not in accord with approved plans.
- Improper backfill.
- Interior footings improper.
- Missing or broken dowels (or C or Z Bars).

107. ROOF SHEATHING

- Approved Truss Calc's not available or incorrect.
- Improper installation of wood connectors and/or fasteners.
- Roof sheathing not properly nailed.
- Beams, headers, and supporting elements not per plan.
- Trusses, broken or cut chords. Lateral bracing missing or incorrectly installed.
- Truss blocking / boundary nailing not correct.

109. SHEAR

- Anchor bolts or hold-down straps-bolts not correct.
- Shear material is incorrect.
- Framing members are incorrect.
- Shear transfer is not complete or incorrect.
- Improper installation of wood connector and/or fasteners.
- Special inspection is required for epoxy bolt replacements.

120. FRAMING

- Finished floor elevation certificate is not available.
- Damage to framing members during installation of plumbing, mechanical, or electrical systems.
- Draft stops and fire blocks not installed or incorrect.
- Rough plumbing, mechanical and electrical inspections not approved.
- Framing lumber is incorrect grade.

123. INSULATION

- MEC Calc's not available.
- Required insulation not installed.
- Insulation (fiberglass batts) is compressed when installed.
- Voids in area insulated.
- Insulation Certificate not available (final inspection).

125. DRYWALL NAILING

- Nails or screw sizes not to code or plans.
- Shear wall fasteners not per spacing per plans.
- Fasteners too close to drywall edges or overdriven thru drywall.
- Wrong type of drywall used, not to plan, or fire assembly.
- Drywall taped before inspection.
- Firewall joints not overlapped per listed details.
- Green board not to be on ceiling, unless 12" o.c. joist spacing.
- Brown soffit board required for exterior applications.

126. HOOD SHAFT

- Shaft does not extend through roof 6" min all sides (inside and exterior drywall).
- Shaft must be independent of building structure.
- Shaft must be supported properly.
- 3" min clearance to duct.
- Max 12" clearance shaft to duct.
- Drywall type does not match listed assembly.
- Drywall does not meet or overlap in corners.
- Improper lap in joints of drywall.
- No trusses or beams, or wood through shaft.
- All penetrations must be fire-stopped with listed assemblies.
- Shaft detail must be approved listed, tested assembly.

127. CEILING GRID

- Not approved support wires or fasteners.
- Wire supports not spaced properly, or not plumb.
- Wrong type of grid (light, intermediate or heavy duty).
- Two sides must be secured to wall angle - opposite sides must have spreader bars between grid.
- Seismic wires not installed or improperly spaced.
- Lights and mechanical ducts not supported and not attached to grid.
- Mechanical and electrical inspections above grid not passed.
- Fire rated tile not installed when required tile installed before inspections.

129. EXTERIOR LATH / STUCCO

- Improper nailing.
- Failure to follow ICBO Report, 1 coat system.
- High Rib improperly installed.
- No caulk at penetrations.
- Improperly lapped window flashings.

131. WALL GROUT & STEEL

- No rebar ventricles.
- Retaining not properly water proofed (or incomplete).
- Proper rebar placement at retainers.
- Improper rebar lap at bond beams.
- Not ready.

139. TEMP POWER / TAG / TEMP BUILDING FINAL. See 140 Inspection.

140. BUILDING FINAL

- GFCI or other electrical problem.
- Improper grade.
- Debris in yard, roof, etc.
- Secondary locks at patio doors.
- Paperwork - drainage compliance report, post tension certification, insulation card.

150. OTHER

- Typically used for HD and strap retro-fit repairs.
- Wrong materials.
- No engineering.
- Improper equipment.

201. UNDERGROUND ELECTRICAL

- Plastic 90 when rigid 90's are specified.
- Rigid 90's not wrapped properly.
- Floor boxes missing, if required.

203. UFER GROUND

- Concrete poured without inspection.

220. ROUGH ELECTRICAL

- Not properly supported.
- Material substituted.
- Improper fittings used.
- Over-fill in boxes.
- Improper grounding.
- Use of improper crimping tool for ground wires.
- Short wires at boxes, not 6" of conductor.

225. SIGN INSPECTION

- Not properly supported.
- Not U.L. Listed.

231. SERVICE CHANGE

- Grounding means missing.
- Too many grounds under one screw.
- Termination of ground wrong places.
- Mixing elect brands of breakers.
- Not properly supported.
- Wire mis-sized.
- No anti-oxidation compound on aluminum wire.
- Dead fronts missing.

235. EMERGENCY ELECTRICAL TEST

- Lacking emergency lights or exit signs.
- Longer than 10 second delay for emergency lights to light.

239. TEMP ELEC / POLE / CONST POWER

- Beat-up equipment.
- Not properly grounded.
- No GFCI receptacles.
- Improper wire types.
- Clearance problems with overhead wires.
- Dead fronts missing or too many Knock Outs.

240. FINAL ELECTRIC

- Beat-up equipment.
- Not properly grounded.
- No GFCI receptacles.
- Improper wire types.
- Clearance problems with overhead wires.
- Dead fronts missing or too many Knock Outs.

305. HOOD

- Improper welds.
- Unlisted hood with holes everywhere.
- Not enough room for ducts and grease shaft.
- Not following CLV duct/shaft detail.
- Improper support.

320. ROUGH MECHANICAL

- No access to units in attic.
- Duct crushed.
- Improper support (duct and/or units).
- Improper clearance to units.
- Using R-4 instead of R-6 insulated flex duct.
- Not using the right tape for joining ducts (181-UL).
- Improper installation of condensate lines.
- B-vents installed wrong.

323. MECHANICAL GAS LINE

- Improper sizing of gas line.
- No support.
- Air Test failure.

340. FINAL MECHANICAL

- Condensate drains going to wrong place (over public way).
- Improper clearance for service.

401. ON SITE SEWER, MAIN

- Improper backfill.
- Not sized correctly.

403. ON SITE WATER

- Improper backfill.
- Not sized correctly.

405. BUILDING SEWER (YARD LINES)

- Too many changes in direction (over 135°).
- No water test.

407. UNDERSLAB PLUMBING

- Pipe laying on or in rocks.
- No water test.
- Improper fittings.
- No wrap around pipe going through footing.

- No journeyman on job.
- No backfill on site.
- Improper backfill (Type II or better).
- Copper piping not sleeved.

420. TOP-OUT-WATER, GAS, WASTE

- Improper support.
- No protection of pipe.
- Using improper fittings.
- No water test.

423. FINAL GAS TEST

- Gauge not reading 10#.
- Improper sizing on gas lines.
- Improper support.
- Improper combustion air.
- Improper venting.
- Appliances installed improperly.

440. FINAL PLUMBING

- Water pressure too high (over 80#).
- No anti-siphon on hose-bib.
- Missing fixtures.

441. IRRIGATION

- Use of wrong type of backflow prevention device.

501. UNDER/ABOVE GROUND TANK

- Failure to obtain necessary inspections.
- Failure to provide tank protection, if required.
- Failure to provide an emergency shut off within the required distances.
- Failure to comply with applicable codes for installation.
- General contractor calling in for inspections for under/aboveground contractor.

503. HOOD SYSTEM

- Failure to provide Nevada Certificate of Registration holder for inspection.
- Failure to provide manufacturers installation manual on site.
- Failure to install equipment in accordance with approved plans.
- Failure to provide proper nozzles/fusible links over appliances.
- Failure to have gas/electric hooked up to appliances.
- Failure to have gas/electric shut off on activation of system.
- Failure to provide copy of maintenance/hood cleaning contract.
- Failure to comply with applicable codes/manufacturers requirements.
- General contractor calling in for inspections for hood extinguishing system contractor.

505. UNDERGROUND FINAL/FLOW

- Failure to provide Nevada Certificate of Registration holder for inspection.
- Failure to obtain kicker/piping inspections prior to covering pipe.
- Failure to flush system.
- Failure to insure that all underground valves are in the open position.
- Failure to comply with applicable codes.
- General contractor calling in for inspections for underground contractor.

507. SPRINKLER SYSTEM/OVERHEAD HYDRO

- Failure to provide a Nevada Certificate of Registration holder for inspection.
- Failure to notify central station of work being performed on system. (May result in issuance of citation if fire department responds to false alarm.)
- Failure to provide Contractor Material and Testing Certificate(s).
- Failure to maintain 200 psi pressure for 2 hours.
- Failure to install proper earthquake bracing and hangars.
- Failure to provide clearance around sprinkler riser at floor/ceiling.
- Failure to provide approved calculation plate and signage on system.
- Failure to provide interior/exterior audible alarms.
- Failure to provide sprinkler box, spare sprinkler heads, sprinkler wrench and copy of NFPA 25.
- Failure to provide copy of quarterly maintenance contract.
- Failure to install in accordance with NFPA 13, 13D or 13R.
- Failure to provide letter of completion.
- General contractor calling in for sprinkler contractor.

509. FIRE ALARM SYSTEM

- Failure to provide a Nevada Certificate of Registration holder for inspection.
- Failure to provide a minimum of two technicians for testing of the fire alarm system.
- Failure to notify central station of testing prior to beginning test, unless otherwise requested by inspector. (May result in issuance of citation if fire department responds to false alarm.)
- Failure to provide reliable communication devices (radios) for testing.
- Failure to provide dB meter.
- Failure to meet 80 dB minimum requirement throughout facility.
- Failure to provide completed pre-test form at the time of inspection.
- Failure to do 24-hour battery backup test.
- Failure to provide copy of maintenance contract.
- Failure to install in accordance with NFPA 72.
- Failure to provide letter of completion.
- General contractor calling in inspection for fire alarm contractor.

513. EXTINGUISHING SYSTEM

- Failure to provide a Nevada Certificate of Registration holder for inspection.
- Failure to install system in accordance with the approved plans.
- Failure to provide the necessary equipment to test system.
- Failure to comply with applicable codes.
- General contractor calling in inspection for extinguishing system contractor.

516. MEDICAL GAS

- Failure to provide third party certification of system.
- Failure to label piping.
- Failure of purge test.
- Failure of pressure test.
- Failure to comply with applicable codes/manufacturers requirements.
- General contractor calling in inspection for medical gas contractor.

517. LIQUID PETROLEUM GAS

- Failure to install in accordance with approved plans.
- Failure to obtain a special use permit for tanks over 288 gallons (water capacity).
- Failure to provide necessary protection for tank(s).
- Failure to comply with applicable codes.
- General contractor calling in inspection for LPG contractor.

519. SUPERVISION/MONITORING

- Failure to notify central station of testing prior to beginning test, unless otherwise requested by inspector. (May result in issuance of citation if fire department responds to false alarm.)
- Failure to transmit the necessary signals to the central station.
- Failure to notify central station of test, if requested by inspector.
- Failure to connect sprinkler system/fire alarm system to monitoring system.
- Failure to comply with applicable codes.
- General contractor call in inspection for supervision/monitoring contractor.

539. TEMPORARY FIRE

- Failure to have general contractor's representative on site for inspection.
- Failure to comply with requirements stamped on approved drawings.
- Failure to have sprinkler system, fire alarm system and monitoring approved and operational, if installed.

540. FINAL FIRE

- Failure to have general contractor's representative on site for inspection.
- Failure to install audio/visual device in a normally occupied area for duct detectors on mechanical units exceeding 2000 cfm, in buildings without a fire alarm system.

550. OTHER

901. POOL: PRE-GUNITE

- Steel not per engineer design.
- Incorrect ground clamps.
- Burnt PVC pipe.
- Too many 90 ° bends.
- Spacing of drain lines not 36."
- Conduit not deep enough.

903. POOL: GAS TEST

- Not properly sanded.
- Not properly pressurized.
- Not properly vented if under concrete.

910. POOL: PRE-PLASTER / FINAL

- No permission to enter posted.
- Barrier doesn't meet code.
- Insufficient sealant in Wet Niche fixtures.
- Lights burnt out or broken.
- Cords too short to reach deck.
- Hand holds required around perimeter.
- Water lines not painted.
- Windows of fences not bonded.
- Glass not protected.

913. TRAILER

- Foundation for stands unstable or wrong materials.
- Foundation stands in wrong locations.
- Tie down not properly anchored.
- Improper electrical hookup.
- Improper water hookup.
- Improper sewer hookup.

NOTE: 939 AND 940 ARE FOR COMMERCIAL PROJECTS ONLY

Signatures on all four lines are required for all commercial projects (including apartments and condominiums) before a certificate of occupancy can be issued.

939. TEMPORARY CERT OF OCCUPANCY

- Building, Mechanical, Plumbing, Electrical, Fire, or Planning Inspectors can have problems. May approve their portion, with the stipulation of items that must be taken care of before a final C of O can be approved. This varies by specific job. When life-safety issues are involved, no temporary Certificate of Occupancy can be issued.

940. CERTIFICATE OF OCCUPANCY

- Any items mentioned in a 939 inspection must be resolved. All four signatures must appear in lower right hand corner for a C of O to be issued. Typically, these four signatures would not be signed for the following reasons:

Planning Department (640 Inspection):

- Completed construction does not match plans approved by BZA, Planning Commission or City Council.
- Conditions of approval not satisfied.
- Landscaping not per approved plans.

- Handicapped parking not per approved plans.
- Lighting interferes with neighboring residences.

Construction Services:

- Offsite work not completed.
- Curb, gutter, sidewalks, etc. damaged or improperly constructed.

Fire Services:

- Final Fire (540) or other required fire inspections not completed.

Building Department:

- Final Building, (140), Certificate of Occupancy (940), or other building, electrical, plumbing or mechanical inspection(s) not approved.

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